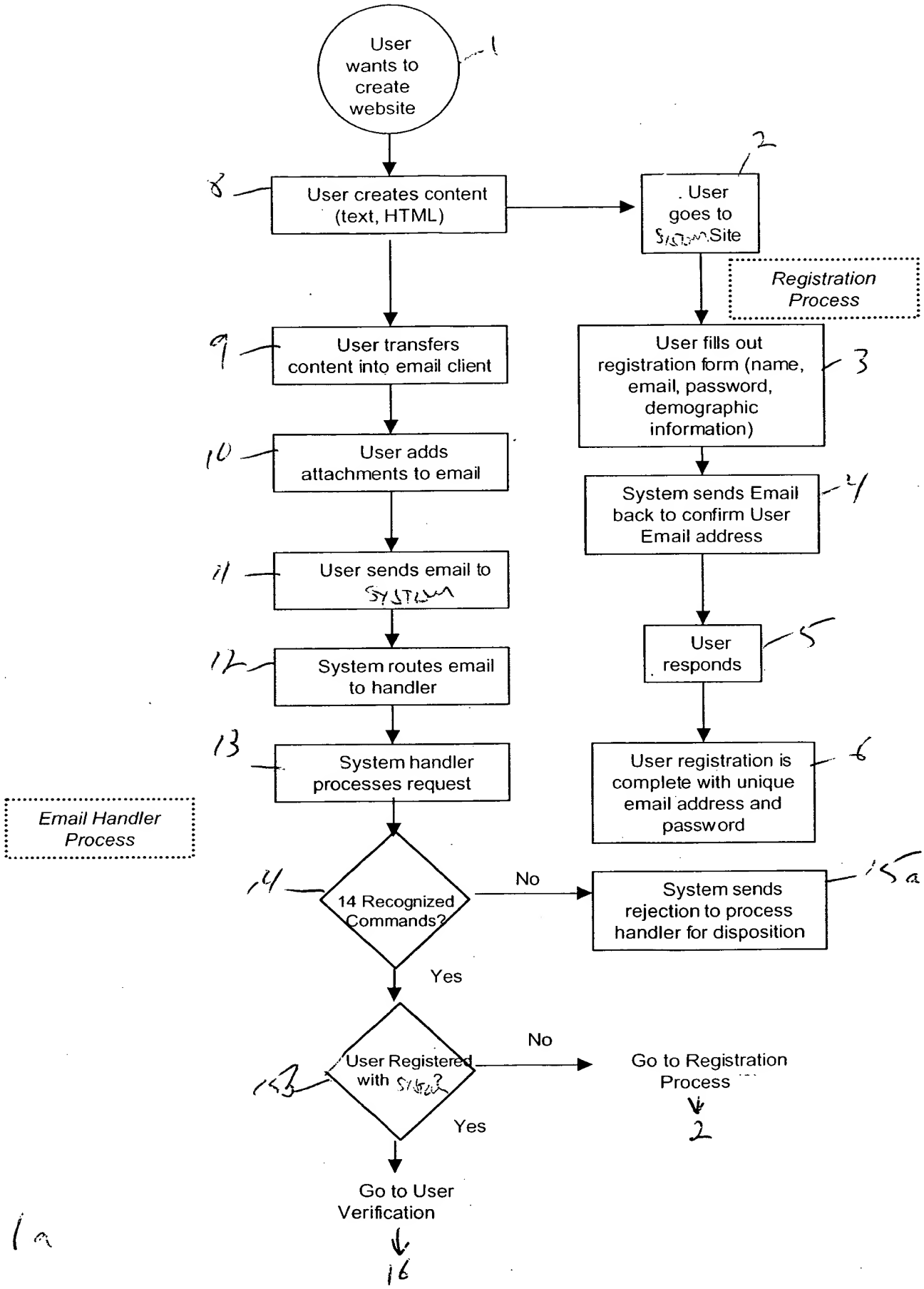
User wants to create website
1
User creates content (text, HTML)
8
User goes to System Site
2
Registration Process
User transfers content into email client
9
User fills out registration form (name, email, password, demographic information)
3
User adds attachments to email
10
System sends Email back to confirm User Email address
4
User sends email to System
11
User responds
5
System routes email to handler
12
User registration is complete with unique email address and password
6
System handler processes request
13
Email Handler Process
14 Recognized Commands?
14
No
System sends rejection to process handler for disposition
15a
Yes
User Registered with System?
15
No
Go to Registration Process
2
Yes
Go to User Verification
16

Fig. 1a

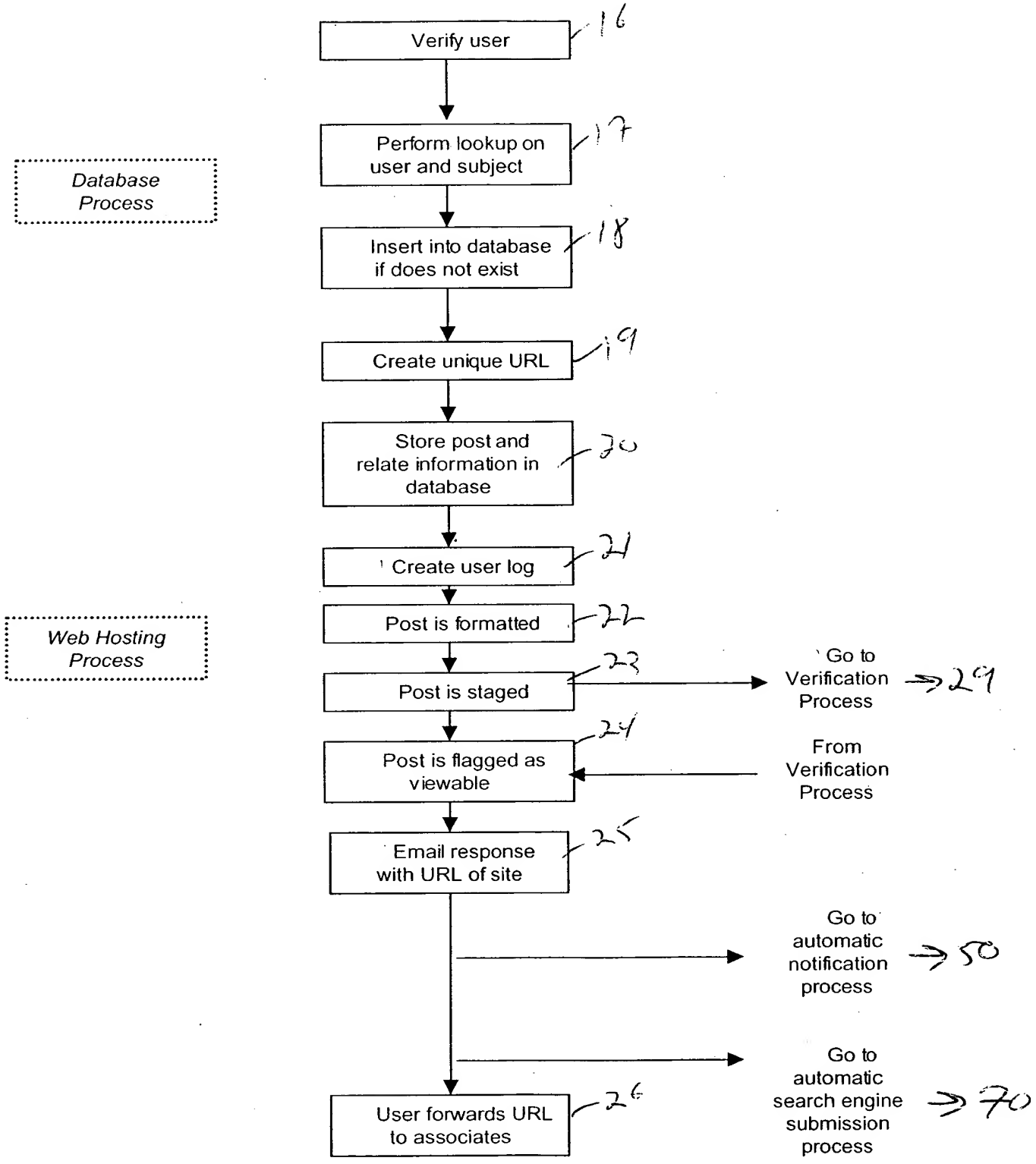
Verify user
16
Perform lookup on user and subject
17
Database Process
Insert into database if does not exist
18
Create unique URL
19
Store post and relate information in database
20
Create user log
21
Post is formatted
22
Web Hosting Process
Post is staged
23
Go to Verification Process
29
Post is flagged as viewable
24
From Verification Process
Email response with URL of site
25
Go to automatic notification process
50
Go to automatic search engine submission process
70
User forwards URL to associates
26

Fig 1b

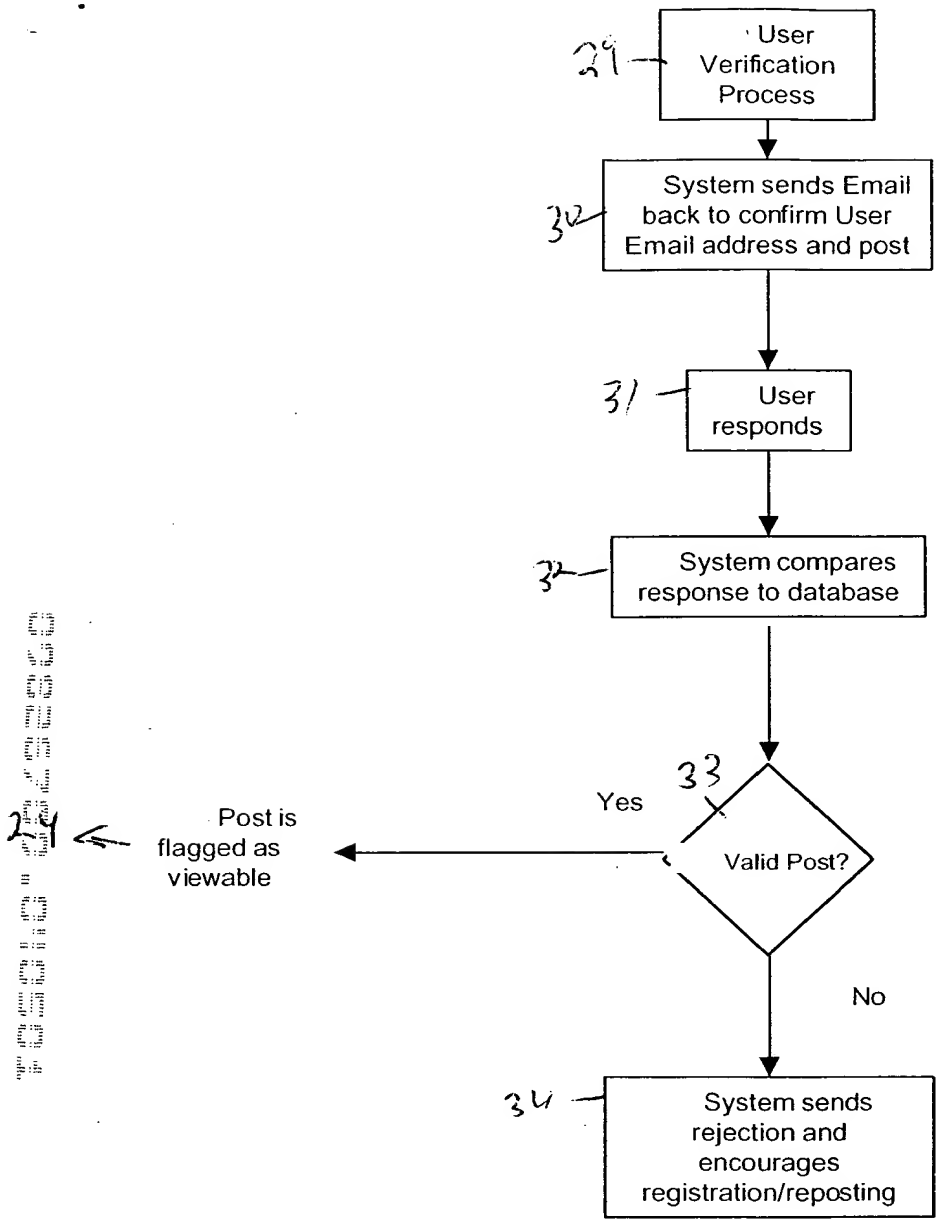
29
User Verification Process
32
System sends Email back to confirm User Email address and post
31
User responds
32
System compares response to database
33
Valid Post?
Yes
Post is flagged as viewable
No
34
System sends rejection and encourages registration/reposting

Fig 1c

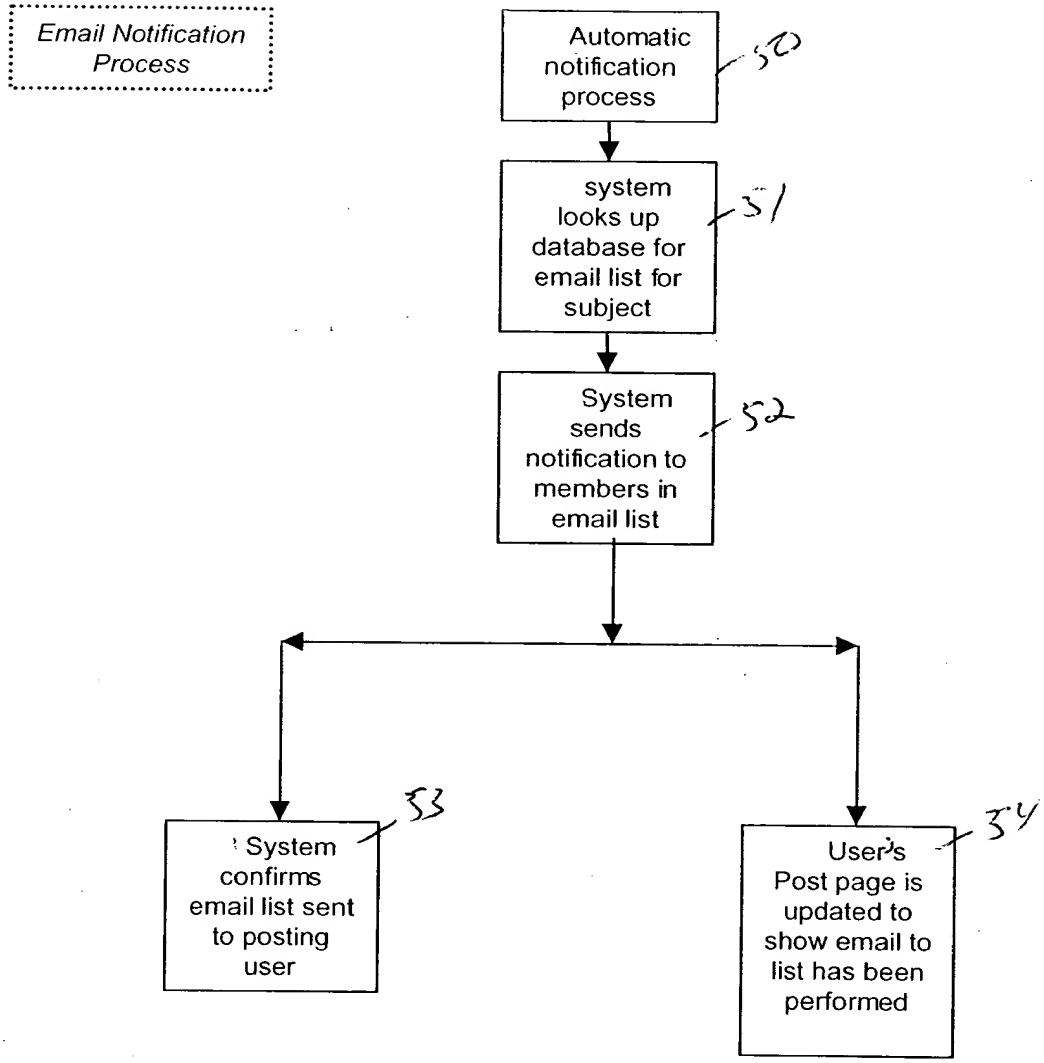
Email Notification Process
Automatic notification process
50
system looks up database for email list for subject
51
System sends notification to members in email list
52
System confirms email list sent to posting user
53
User's Post page is updated to show email to list has been performed
54

Fig. 1d

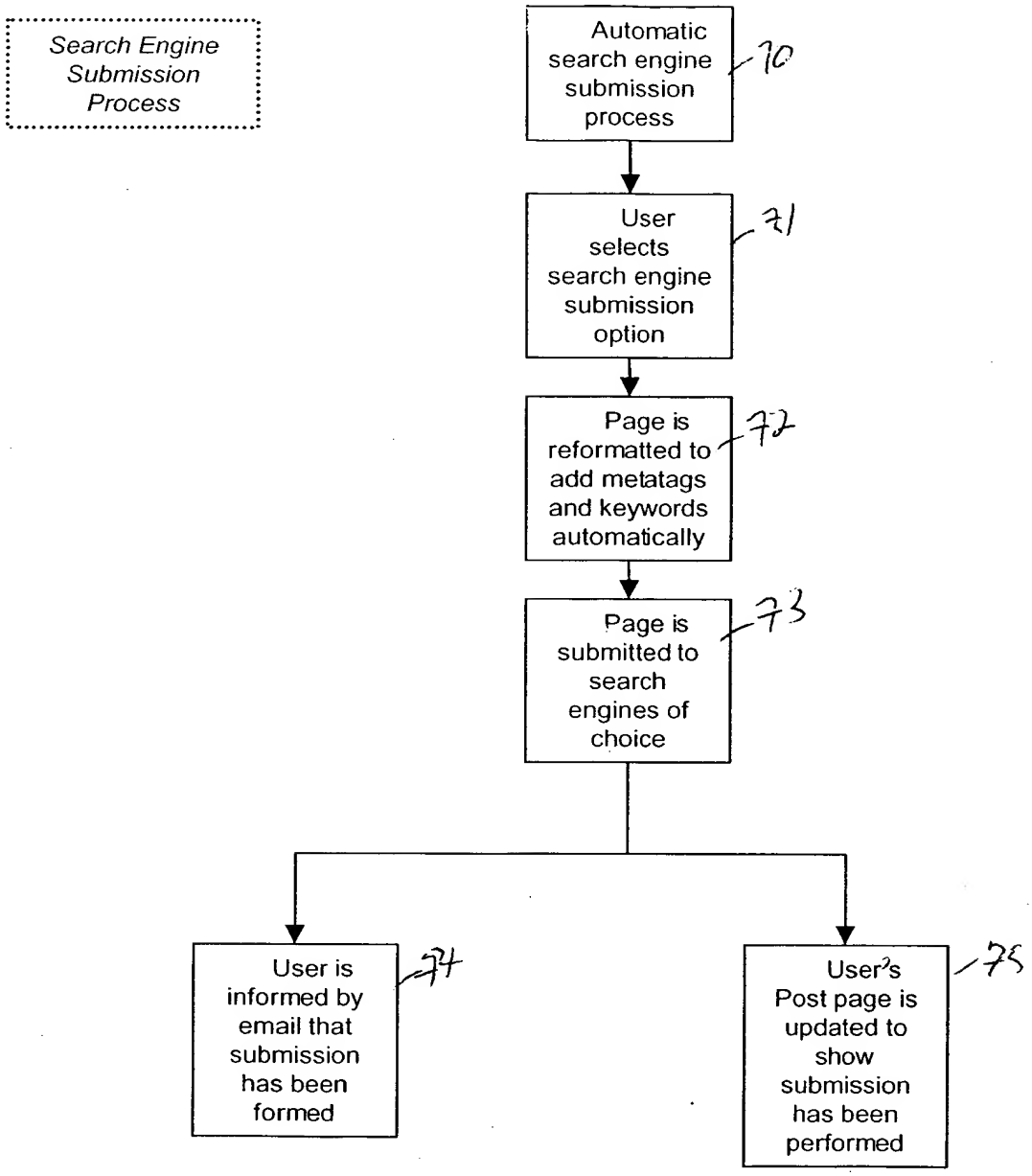
Search Engine Submission Process
Automatic search engine submission process
70
User selects search engine submission option
71
Page is reformatted to add metatags and keywords automatically
72
Page is submitted to search engines of choice
73
User is informed by email that submission has been formed
74
User's Post page is updated to show submission has been performed
75

Fig. 1a

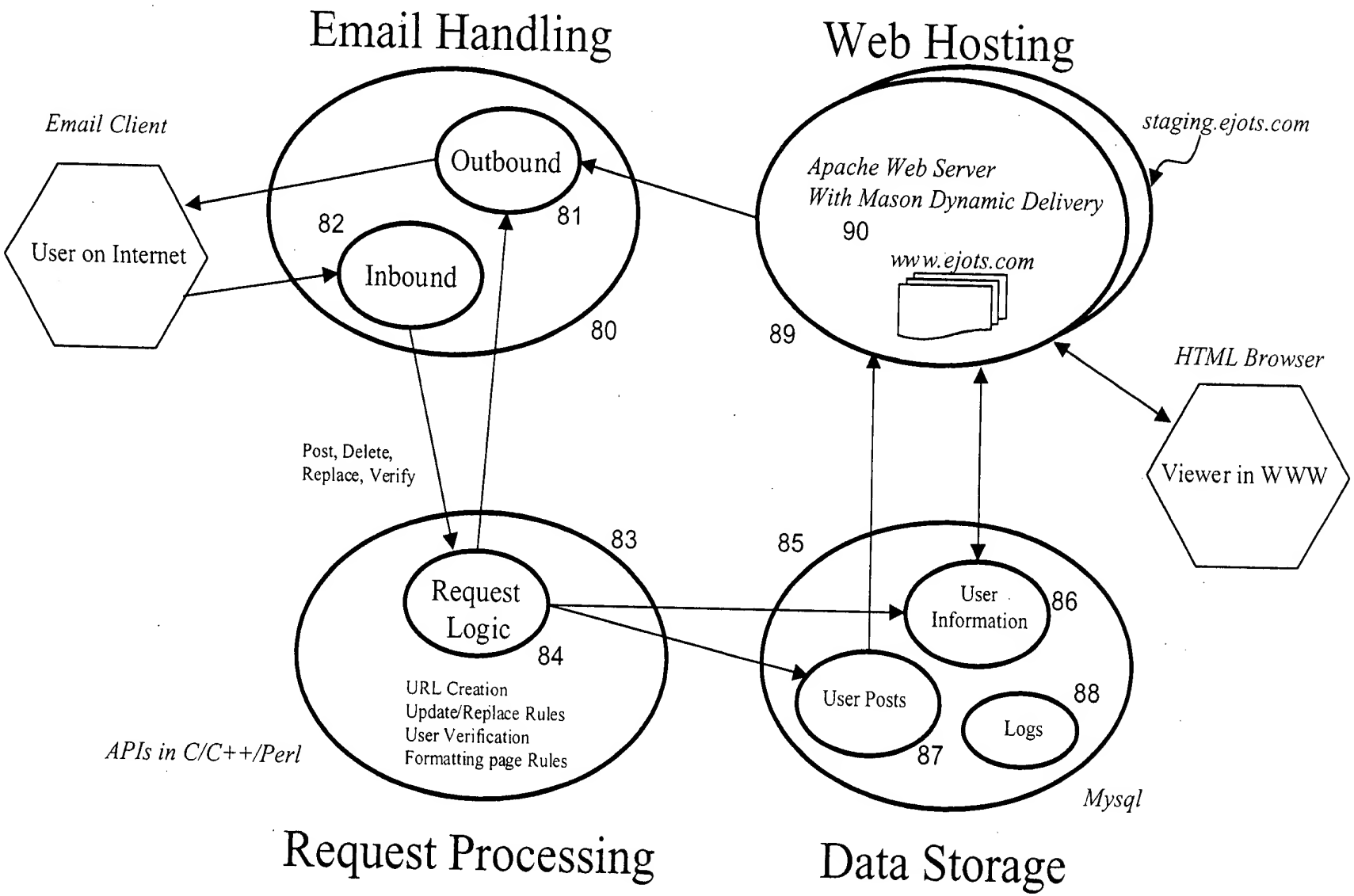
Email Handling
Web Hosting
Email Client
User on Internet
Outbound
81
82
Inbound
80
Apache Web Server
With Mason Dynamic Delivery
90
www.ejots.com
staging.ejots.com
89
HTML Browser
Viewer in WWW
Post, Delete,
Replace, Verify
83
Request
Logic
84
URL Creation
Update/Replace Rules
User Verification
Formatting page Rules
APIs in C/C++/Perl
85
User
Information
86
User Posts
87
Logs
88
Mysql
Request Processing
Data Storage

Fig. 2

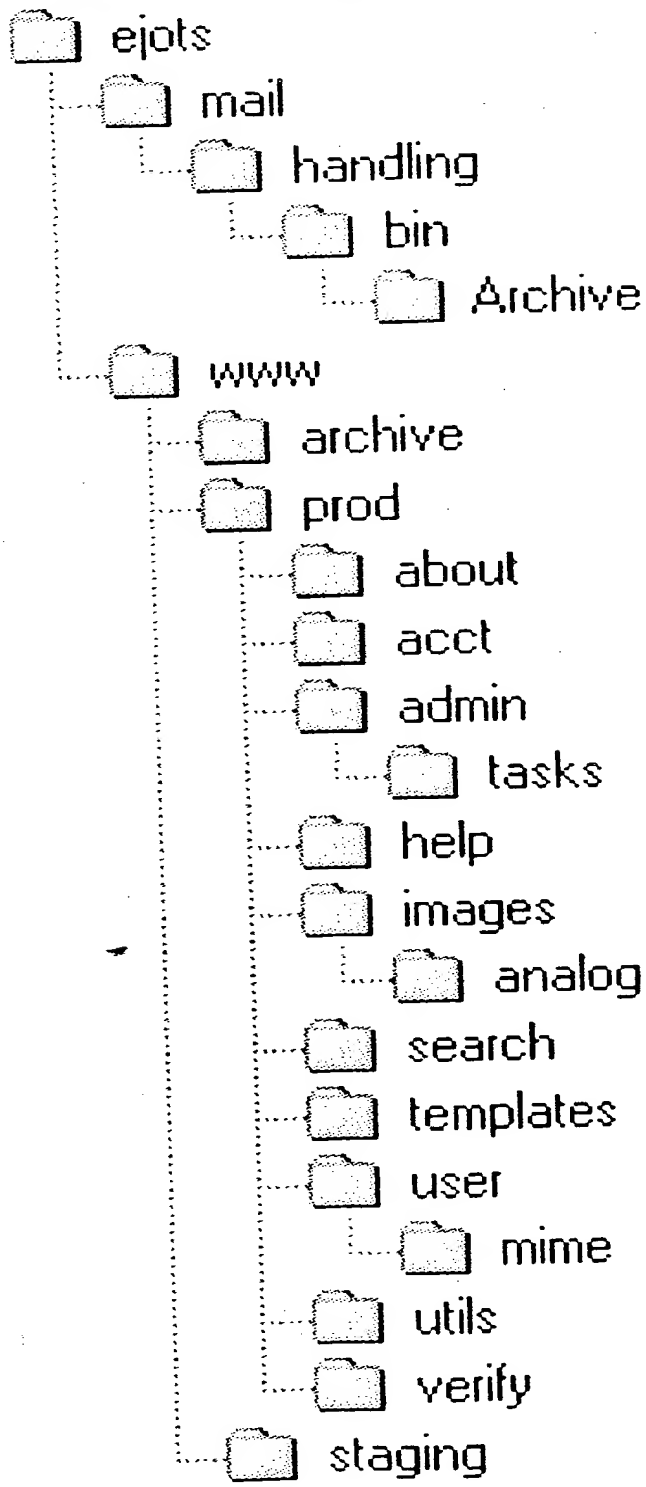
ejots
mail
handling
bin
Archive
www
archive
prod
about
acct
admin
tasks
help
images
analog
search
templates
user
mime
utils
verify
staging

Fig. 3